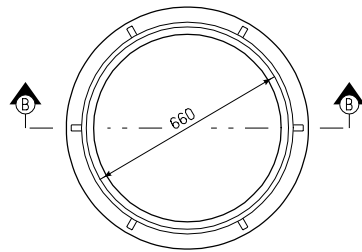
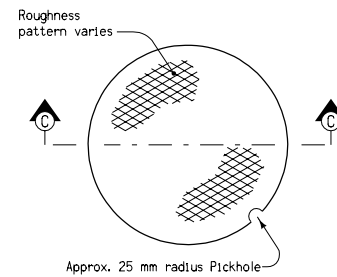


PLAN OF FRAME

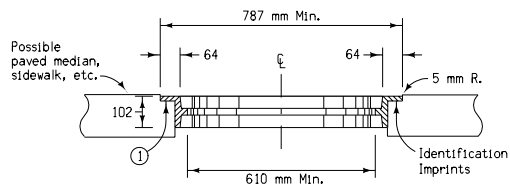


PLAN OF FRAME



PLAN OF COVER TOP

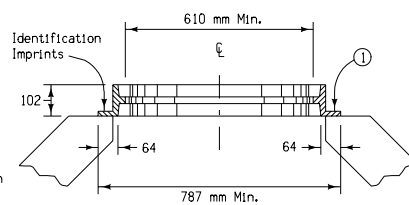
① Flange thickness 16 millimeters minimum.



SECTION A-A

TYPE 1 FRAME

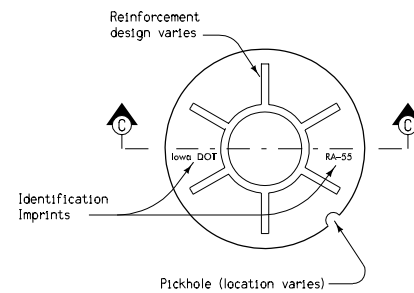
SLAB TYPE FOR CAST UTILITY ACCESSSES



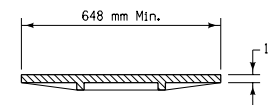
SECTION B-B

TYPE 2 FRAME

NECK BEARING TYPE FOR BUILT-UP UTILITY ACCESSSES



PLAN OF COVER BOTTOM



SECTION C-C

COVER DETAILS

Minimum Mass	
Frame	Cover
48 kg	39 kg

All dimensions given in millimeters unless noted.

METRIC VERSION	M	Iowa Department of Transportation Highway Division	
		STANDARD ROAD PLAN	RA-55
		REVISION: Revised General Notes.	REVISION NO. 1
		APPROVED BY: <i>William J. Skan</i> DESIGN METHODS ENGINEER	REVISION DATE 10-21-03
		CAST UTILITY ACCESS COVERS (Light)	